

SEQUENCE LISTING

<110> E.I. du Pont de Nemours and Company

<120> Real Time Quantitative PCR With Intercalating Dye for Single and Multiplex Target DNA

<130> MD1080 PCT

<140>

<150> 60/187537

<151> March 7, 2000

<160> 12

<170> Microsoft Office 97

<210> 1

<211> 25

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: 35S CaMV promoter

<400> 1
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<210> 2

<211> 25

<212> DNA

<213> Artificial Sequence

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<223> Description of Artificial Sequence: 35S CaMV promoter

<400> 2
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<210> 3

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<223> Description of Artificial Sequence: soybean lectin gene

<400> 3
caacgaaaac gagtctggtg atcaagt 27

<210> 4

<211> 27

<212> DNA

<213> Artificial Sequence

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<223> Description of Artificial Sequence: soybean lectin

<400> 4
 tgggtggaggc atcataggta atgagaa 27

<210> 5
 <211> 26
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: E. coli
 0157:H7 DNA

<400> 5
 atgcagaccc gctggagttt gagaaa 26

<210> 6
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 0157:H7 DNA

<400> 6
 tacctgaggc agtagcgata atgagc 26

<210> 7
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 <223> Description of Artificial Sequence: SV-40 DNA

<400> 7
 ttaaaaagct aaaggtacac aatttttgag ca 32

<210> 8
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<400> 8
 aaaagctgca ctgctataca agaaaattat gg 32

<210> 9
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 <212> DNA
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 <223> Description of Artificial Sequence: 35S CaMV

<400> 9
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 ctgccgacag tgggtcccaa gatggacccc caccacgag gagcatcgtg gaaaaagaag 120

acgttccaac cacgtcttca aagcaagtgg attgatgtga catctccact gacgtaaggg 180
 atgacgcaca atcccactat ccttcg 206

<210> 10
 <211> 185
 <212> DNA
 <213> Artificial Sequence

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 <223> Description of Artificial Sequence: soybean lectin
 gene Le1

<400> 10
 caacgaaaac gagtctggtg atcaagtcgt cgctgttgag tttgacactt tccggaactc 60
 ttgggatcca ccaaattccac acatcggaat taacgtcaat tctatcagat ccatcaaaac 120
 gacgtcttgg gatttggcca acaataaagt agccaagggt ctcattacct atgatgcctc 180
 cacca 185

<210> 11
 <211> 527
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: *E. coli*
 0157:H7 DNA

<400> 11
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 ttcttgatca cgcctttgcg actggcgtgc tcgggtaaaa gaggtgactg atgctcatag 120
 atttggtttt accttaccgg ccgacggtga acacctactg gcgacgtcgt ggcagcacat 180
 atttgtatc aaaagccggt gagcgttatc gccgggctgt ggcgcttatt gttcgccagc 240
 agcggctgaa attaagcctg tccggaaggc tggcgatgaa gattattgcc gagccaccgg 300
 ataagcgccg ccgtgacctg gacaatgttc tgaaagcgcc gctggatgcg ctgacgcatg 360
 cggggttgct aatggacgat gagcagtttg atgaaatcaa tattgtgccc ggtcagctcg 420
 ttcttggtga gcggctgggg ataaaaatca cagaactgga gtgcgcatga ataaccacta 480
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<210> 12
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 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: SV-40 Large-T
 antigen DNA

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 tgtgtggagt aagaaaaaac agtatgttat gattataact gttatgccta cttataaagg 120
 ttacagaata tttttccata attttcttgc atagcagtgc agctttt 167